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(71) Applicant (for all designated States except US): ROCHE
VITAMINS AG [CH/CH]; Grenzacherstrasse 124,
CH-4070 Basel (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): WU, Wenping
[CN/CN]; Room 203, Er Dan Yuan in Bldg. #3, Yi Qu,
Dong Li Xiao Qu, Shang Di Zone, Haidan District, 100085
Beijing (CN). PETTERSSON, Dan [SE/DK]; Poppel allé
12, DK-3540 Lyngby (DK). FUGLSANG, Claus, Crone
[DK/DK]; Damsted Gaard, Korshøjgaardsvej 7, DK-3670
Veksoe (DK).

(74) Agent: NOVOZYMES A/S; Krogshøjvej 36, DK-2880
Bagsværd (DK).

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(54) Title: THERMOSTABLE ENZYME COMPOSITIONS

(57) **Abstract:** The present invention relates to a composition comprising at least two thermostable enzymes selected from the group consisting of endoglucanase, xylanase, phytase, protease, galactanase, mannanase, dextranase, and alpha-galactosidase. The thermostable enzymes have a melting temperature, T_m, of at least 70°C. Preferred compositions comprise a xylanase of glycoside hydrolase family 11, and an endoglucanase which is homologous to a thermostable glycoside hydrolase family 5 endoglucanase derived from *Thermoascus aurantiacus*. Preferred xylanases are derived from *Aspergillus*, *Bacillus*, *Humicola*, *Thermomyces* and *Trichoderma*. The composition is particularly useful for animal feed purposes. Optional additional components are vitamins, minerals, and anti-microbial peptides.

WO 03/062409 A2